

Qy	3603	TGTCGGCTGAGGTGATGCTGGCTGAGGGCTTGGGGACTTCCAGCCAAGGCTGA	3 662
Db	4 08	TGTCGGTGAAGGTGATGCTGGCTGAGGGCTTCCAGCCAAGGCTGA	3 49
Qy	3663	GTGTCAGCACACCTGGCTCTCACTTCCCACAGGTGGCCCTCGCTCCCCCCGG	3 722
Db	3 48	GTGTCAGCACACCTGGCTCTCACTTCCCACAGGTGGCTCCACCCGG	2 89
Qy	3723	GCCAGCTTTCTACCCAGAGGCCGGTTCCACTCCCATAGAATAGTCCATCCC	3 782
Db	288	GCCAGCTTTCTACCCAGAGGCCGGTTCCACTCCCATAGAATAGTCCATCCC	2 29
Qy	3783	AGATTGCGCATTTGTTACCCCTGGCCRGCCCTTTCGCCTTCACTCCACCA	3 842
Db	228	AGATTGCGCATTTGTTACCCCTGGCCRGCCCTTTCGCCTTCACTCCACCA	1 69
Qy	3843	GTGGAGAACCTGAGAAGAACCTCTGGAGCTGGAAATTGGAGTACCAAGGTGCC	3 902
Db	168	GTGGAGAACCTGAGAAGAACCTCTGGAGCTGGAAATTGGAGTACCAAGGTGCC	1 09
Qy	3903	CTGTACACAGGGAGAACCTGGACACTGGATGGGGCTCTGGGAAATTGGGGGA	3 962
Db	108	CTGTACACAGGGAGAACCTGGACACTGGATGGGGCTCTGGGAAATTGGGGGA	4 9
Qy	3963	GCTGCTGGGAGTAATACTGAATAATGAGTTTCACTTGTTCAAGTGGTCAAATTGGTCAAATTGGGGGA	4 010
Db	4 8	GCTGCTGGGAGTAATACTGAATAATGAGTTTCACTTGTTCAAGTGGTCAAATTGGGGGA	1

DEFINITION Homo sapiens cDNA clone IMAGE:712562 5' -
 NCI-NCGB1 Homo sapiens cDNA clone IMAGE:712562 5'
 mRNA sequence.
 AA281296
 AA281296.1 GI:1924194
 EST.
 AA281296.1
 KEYWORDS
 SOURCE
 Homo sapiens (human)
 ORGANISM
 Homo sapiens
 Bukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCES
 1 (bases 1 to 389)
 NCI-NCGBP <http://www.ncbi.nlm.nih.gov/ncicgap>.
 AUTHORS
 National Cancer Institute, Cancer Genome Anatomy Project (CGAP).
 TITLE
 Tumor Gene Index

UNPUBLISHED
ENT
Contact: Robert Strausberg, Ph.D.
Email: cgsbps@medmail.nih.gov
This clone is available royalty-free through LLNL ; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Insert Length: 2187 Std Error: 0.00
Seq Primer: -28m13 rev2 ET From Amersham
High quality sequence stop: 385.

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source 1 .. 389
organism="Homo sapiens"
/mol type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:712562"
/tissue.type="germinal center B cell"
/lab.host="DH10B"
/clone.lib="NCI_CGAP_GCB1"
/note="Vector: pRT1D-Pac (Pharmacia) with a modified
polylinker: Site 1: Not I; Site 2: Eco RI; 1st strand cDNA
was prepared from human tonsil cells enriched for
germinal center B cells by flow sorting (CD20+, IgD-),
provided by Dr. Louis M. Staudt (NCI). Dr. David Allman
(NCI) and Dr. Gerald Marti (CBPR). cDNA synthesis was
primed with a Not I - oligo(dt) primer
[5' -NGTACCAATCTGAATGGGAGCGGCCCTTCAATTTCCTTTTTT-3'.
Double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Not I, and cloned into the Nor I

```

BASE COUNT	ORIGIN	87 a	102 c	123 g.	77 t
and Eco RI sites of the modified pPT3 vector. Library	Query Match	7.1%	Score 287;	DB 9;	Length 389;
went through one round of normalization, and was	Best Local Similarity	99.5%	Pred. No. 3.le-123;		
constructed by Bento Soares and M. Fatima Bonaldo."	Matches	387	Conservative	0;	Gaps
	Db	1	GCAGAATTCCTGACTGGTGTAGTGTGACCGCTCGGTCTTCTTT	1	
	Qy	1679	TATGTACGGAGACCACCGTTCAAAAGAACAGGCCATTCTTCTT	6	
	Db	1	TATGTACGGAGACCACCGTTCAAAAGAACAGGCCATTCTTCTT	11	
	Qy	1739	TATGTACGGAGACCACCGTTCAAAAGAACAGGCCATTCTTCTT	12	
	Db	61	TATGTACGGAGACCACCGTTCAAAAGAACAGGCCATTCTTCTT	13	
	Qy	1799	AGCAAGTTCGAAGCATGGAACTGGAGGCTTGACTGGGGAGCTG	14	
	Db	121	AGCAAGTTCGAAGCATGGAACTGGAGGCTTGACTGGGGAGCTG	15	
	Qy	1859	TGGAAAGCAGGGTCAGGGGATCGGGAAAGCCAGGCCGCTCTG	16	
	Db	181	TGGAAAGCAGGGTCAGGGAAAGCCAGGCCGCTCTGAGCTGAGCT	17	

Qy	1919	CGCTTCACTCCAGAAGGGCCGACGTCTACCTCGAGGGTGAAGGACTG	21
Db	241	CGCTTCACTCCAGAAGGGCCGACGTCTACCTCGAGGGTGAAGGACTG	31
Qy	1979	GCCAGAACGTTCCGCAGAGAAAGGGCCGACGTCTACCTCGAGGGTGAAGGACTG	21
Db	301	GCCAGAACGTTCCGCAGAGAAAGGGCCGACGTCTACCTCGAGGGTGAAGGACTG	31
Qy	2039	TTCAGGTGCTCACTAGAGGCCGAGGCCGAGGCCGAGGCCGAGGCCG	2017
Db	361	TTCAGGTGCTCACTAGAGGCCGAGGCCGAGGCCGAGGCCGAGGCCG	389
RESULT 6			
LOCUS	BE514188	610 bp	mRNA linear EST 07-AUG-2005 IMAGE:3634987 5 ,
DEFINITION	6013-6376F1 NIH_MGC_8 Homo sapiens cDNA clone	mRNA sequence.	
ACCESSION	BB514188		
VERSION	BE514188.1	GI:9721400	
KEYWORDS	Homo sapiens (human)		
SOURCE	Eukaryota; Metzoa; Chordata; Craniata; Vertebrata; Buteleostomi;		
ORGANISM	Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1. (bases 1 to 610)		
AUTHORS	NIH-MGC http://mgc.nci.nih.gov/		
TITLE	National Institutes of Health, Mammalian Gene Collection (MGC)		
JOURNAL	Unpublished		
COMMENT	Contact: Robert.Strausberg, Ph.D. Email: csgpb8-t@mail.nih.gov Tissue Procurement: Louis M. Staudt, M.D., Ph.D. cDNA Library Preparation: Ling Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LILNL) DNA Sequencing by: Incyte Genomics, Inc. Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LILNL at: image.lilnl.gov Plate: LILCM330 row: g column: 20 High quality sequence stop: 610.		
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Source	1..610 /organism="Homo sapiens" /mol_type="mRNA" /db_xref="taxon:9608" /clone="IMAGE:3634987" /tissue_type="Burkitt lymphoma" /lab_host="LILNL (http://image.lilnl.gov)"		